

**Mellerson, Kendra**

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From: Unknown@Unknown.com  
Sent: Monday, July 11, 2005 8:17 AM  
To: STIC-EIC1700  
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= 158722

LogNumber= \_\_\_\_\_

Searcher= \_\_\_\_\_

SearcherPhone= \_\_\_\_\_

SearcherBranch= \_\_\_\_\_

MyDate=Mon Jul 11 08:15:40 EDT 2005

submitto=STIC-EIC1700@uspto.gov

Name=John Hoffmann

Empno=69707

Phone=272-1191

Artunit=1731

Office=Rem 7D35

Serialnum=10608580

PatClass=65/386

Earliest=11/30/2001

Format3=email

Searchtopic=I need help with the chemical structure of claims 1,2 and 13. of 10/608,580

(RSiO){.sub.j}-M-OR' ){.sub.k}

This might be called a metallosiloxane or organometallosiloxane (but I don't know for sure)

where j=1,2,3, or 4

k=4-j,

M=Ti or Zr

R= an alkyl

R'= an alkyl

SCIENTIFIC REFERENCE BR  
Sci & Tech Inf. Cntr  
JUL 11 RECD  
Pat. & T.M. Office

For claim 2:

R is Methyl, ethyl or propyl

R' is Methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, t-butyl, or s-butyl.

If there are many results, please limit to ones that are used to make:  
optical fibers, waveguides, or silicic acid.

And if no hits with that, please cross with: dopant, doping, or/and silica.

As a back-up: where M=any, j=any, and k=any Thanks.

Comments=I leave for vacation tomorrow - I leave today 7/11/05 at 3:50. I will return 7-20-05

send=SEND

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	organometallosiloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/11 08:40
L2	30146	organo\$siloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/11 08:40
L3	30146	organo\$siloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:41
L4	3	organometallosiloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:41
L5	181	I3 and (ti or titanium or zr or zirconium) and (waveguide or optical adj fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:46
L6	6	I3 and (ovd or vad or mcvd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:42
L7	3	I3 and (ti or titanium or zr or zirconium) and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:45
L8	17	"4242487"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:45
L9	7	I8 and (ti or titanium or zr or zirconium) and (waveguide or optical adj fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:57

L10	0	organometallicsiloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:48
L11	6	organometallic adj siloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:48
L12	2	organo adj metallic adj siloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:48
L13	7	I11 I12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:56
L14	0	"4619719" and (ti or titanium or zr or zirconium) and (waveguide or optical adj fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:57
L15	2	"4619719" and (ti or titanium or zr or zirconium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:57
L16	0	"4619719" and I4619719B	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:58
L17	1	"4619719" and ivb	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:58
L18	1	"4619719" and iv	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 08:58